



Docket No.: 249466US0DIV

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313



ATTORNEYS AT LAW

RE: Application Serial No.: 10/787,309  
Applicants: Masataka MOCHIZUKI, et al.  
Filing Date: February 27, 2004  
For: HEAT RADIATING STRUCTURE FOR  
ELECTRONIC DEVICE  
Group Art Unit: 2835  
Examiner: A. VORTMAN

SIR:

Attached hereto for filing are the following papers:

**Response to Election of Species Requirement**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon

  
\_\_\_\_\_  
Donald K. Drummond, Ph.D.

Registration No. 52,834

Customer Number

**22850**

(703) 413-3000 (phone)  
(703) 413-2220 (fax)

DOCKET NO: 249466US0DIV



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
MASATAKA MOCHIZUKI, ET AL. : EXAMINER: VORTMAN, A.  
SERIAL NO: 10/787,309 :  
FILED: FEBRUARY 27, 2004 : GROUP ART UNIT: 2835  
FOR: HEAT RADIATING STRUCTURE :  
FOR ELECTRONIC DEVICE :

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Official Action dated December 21, 2004, Applicants elect, with traverse, for search purposes only, Specie II, Claims 4-6, 10, 14, and 22-25, representative Fig. 4, an electronic device having a condensable fluid for examination. Claims 4-6, 10, 14, 17 and 22-25 read on the elected species.

REMARKS/ARGUMENTS

The Examiner is requiring restriction of the above-identified application as follows:<sup>9</sup>

Specie I, Claims 4-9, 17, and 22-25, representative Fig. 3, an electronic device having a graphite located between a die or an electronic part and a heat spreader;

Specie II, Claims 4-6, 10, 14, and 22-25, representative Fig. 4, an electronic device having a condensable fluid; and

Specie III, Claims 4-6, 11, 12, 15-17, and 22-25, representative Fig. 5 and 6, an electronic device having a lubricating member buried in one face of a heat spreader.